

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071471.D
 Acq On : 25 Dec 2021 21:24
 Operator : VA/SY
 Sample : M5223-03
 Misc : 5.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(33-35)-12-22-21

Quant Time: Dec 27 00:52:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

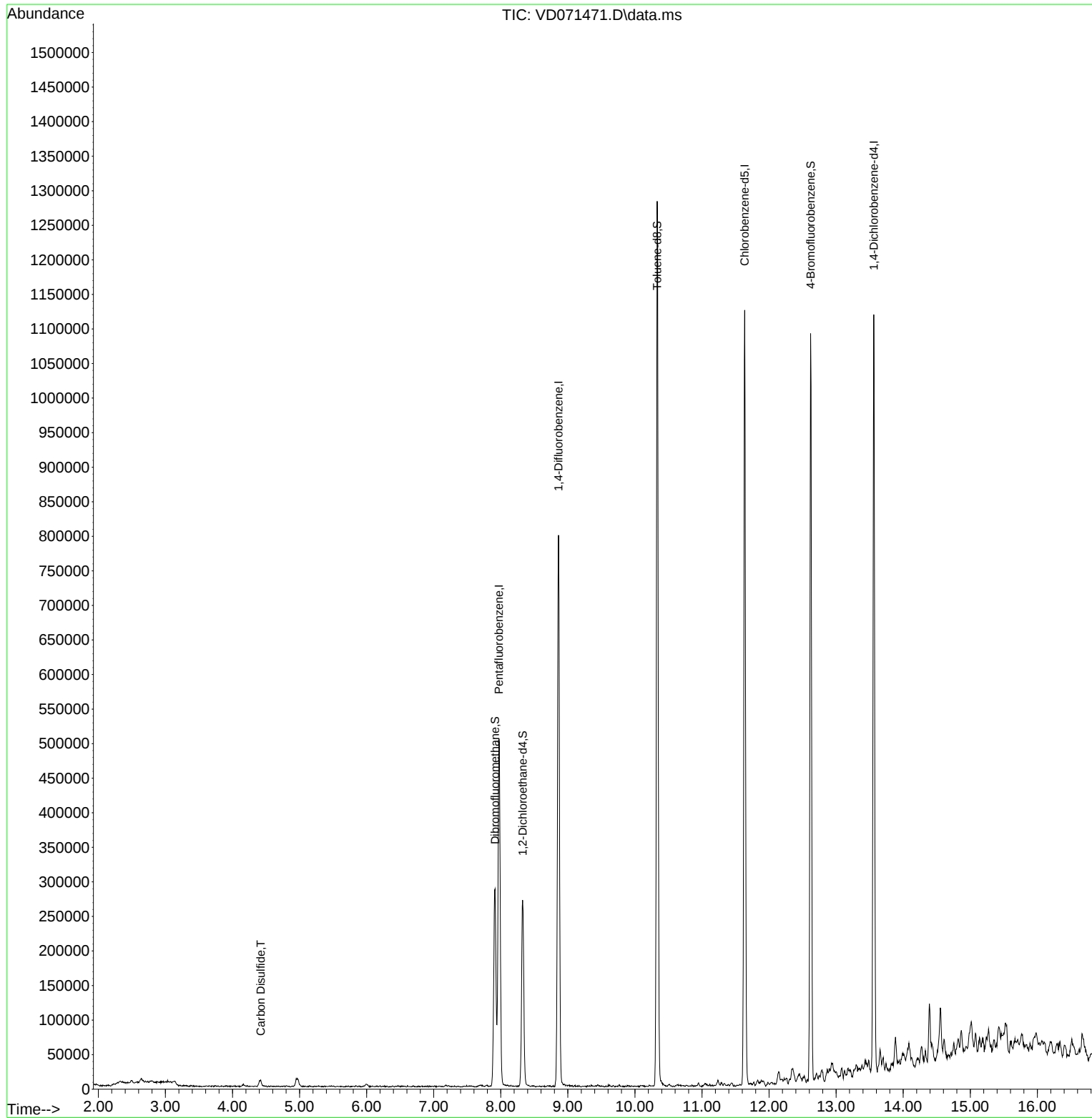
Internal Standards						
1) Pentafluorobenzene	7.973	168	351012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	642467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	589768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	220011	47.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.380%
35) Dibromofluoromethane	7.914	113	201075	46.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.140%
50) Toluene-d8	10.332	98	810925	49.697	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.620	95	271133	46.760	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.520%
Target Compounds						
17) Carbon Disulfide	4.420	76	18382	1.543	ug/l	99

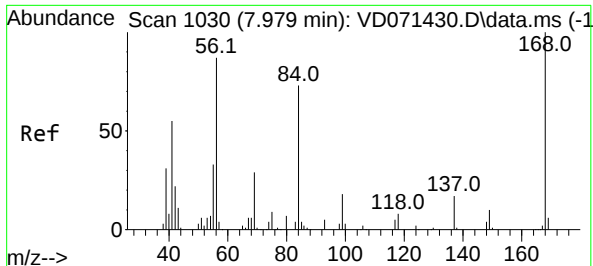
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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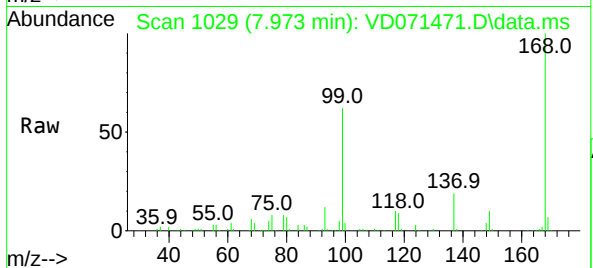
Quant Time: Dec 27 00:52:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
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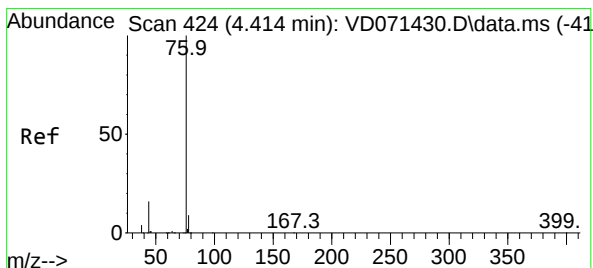
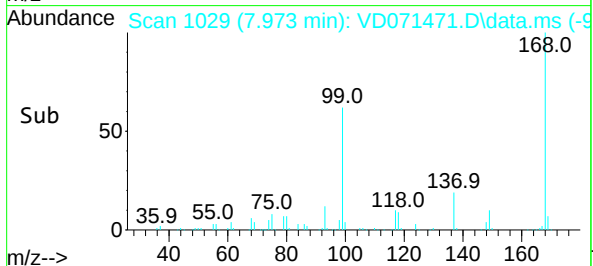
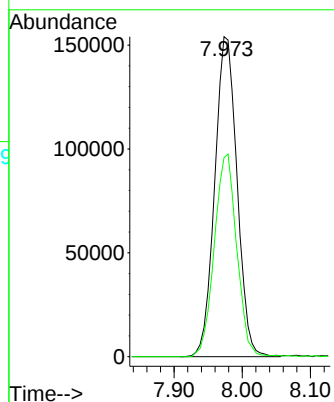


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071471.D
Acq: 25 Dec 2021 21:24

Instrument :
MSVOA_D
ClientSampleId :
DB-4-(33-35)-12-22-21

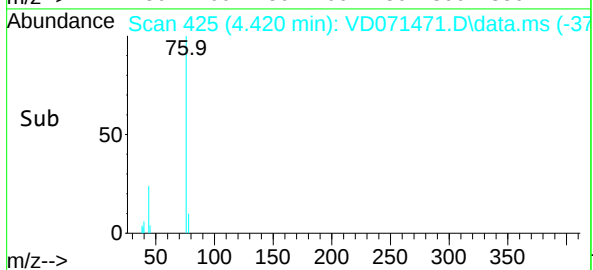
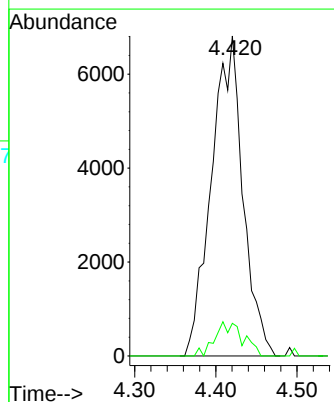
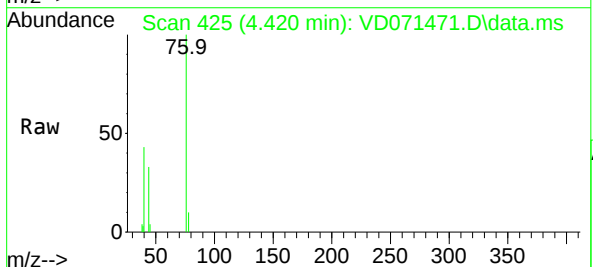


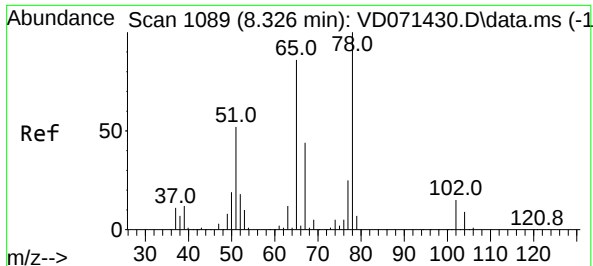
Tgt Ion:168 Resp: 351012
Ion Ratio Lower Upper
168 100
99 62.2 46.6 69.8



#17
Carbon Disulfide
Concen: 1.543 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.011 min
Lab File: VD071471.D
Acq: 25 Dec 2021 21:24

Tgt Ion: 76 Resp: 18382
Ion Ratio Lower Upper
76 100
78 10.2 7.8 11.8





#33

1,2-Dichloroethane-d4

Concen: 47.195 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071471.D

Acq: 25 Dec 2021 21:24

Instrument :

MSVOA_D

ClientSampleId :

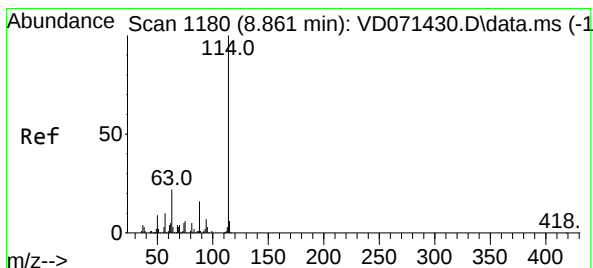
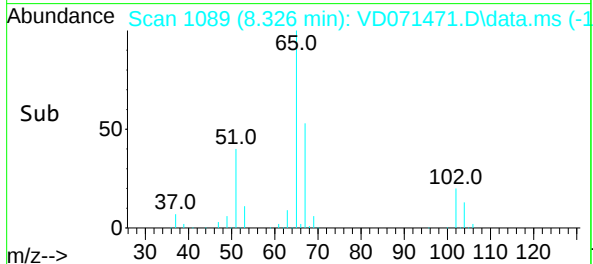
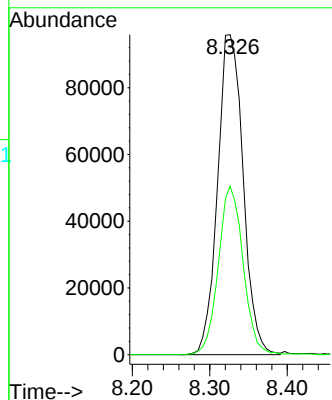
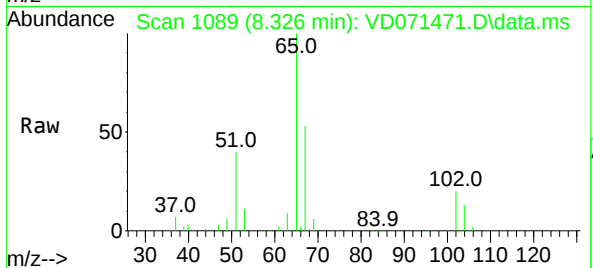
DB-4-(33-35)-12-22-21

Tgt Ion: 65 Resp: 220011

Ion Ratio Lower Upper

65 100

67 51.0 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071471.D

Acq: 25 Dec 2021 21:24

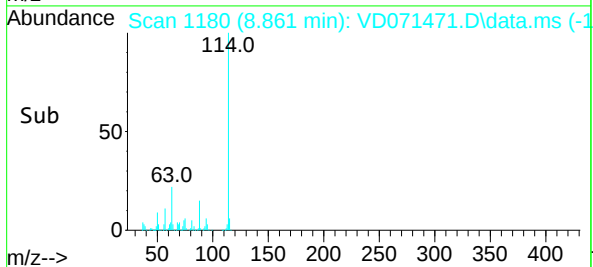
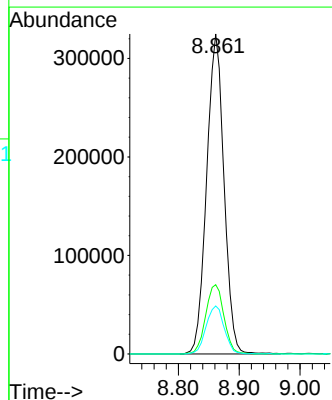
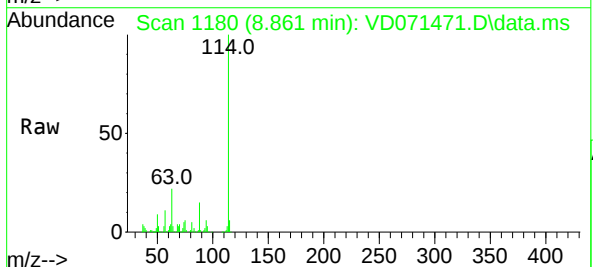
Tgt Ion: 114 Resp: 642467

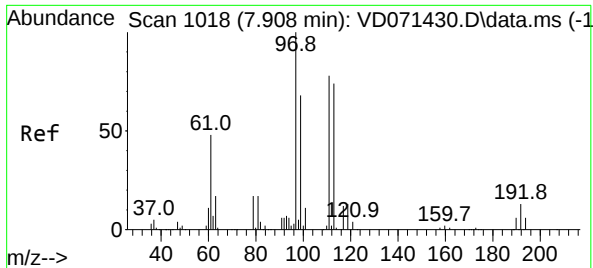
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 15.0 0.0 32.8

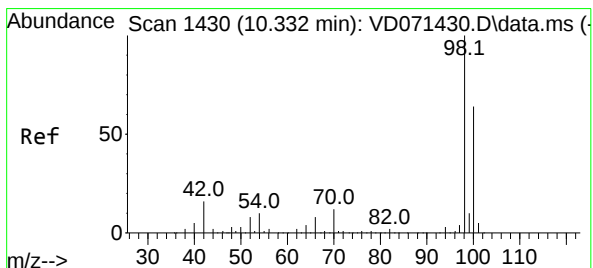
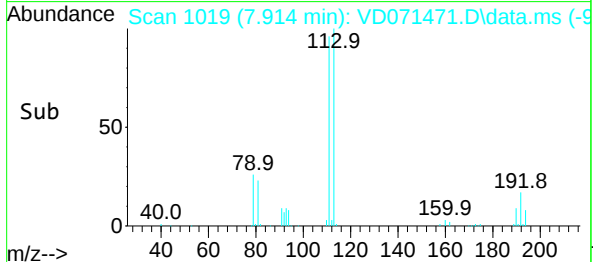
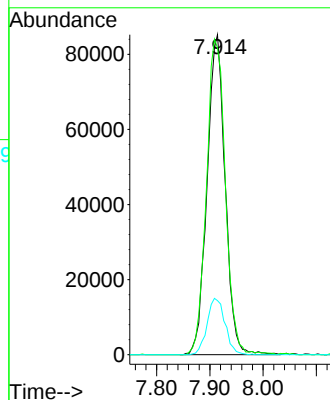
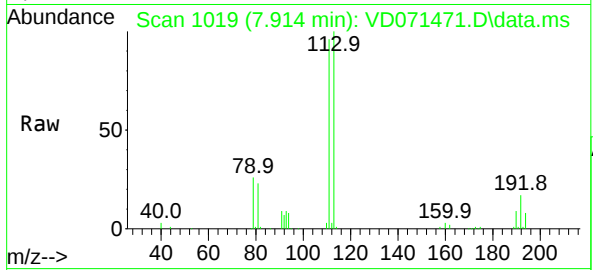




#35
Dibromofluoromethane
Concen: 46.568 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071471.D
Acq: 25 Dec 2021 21:24

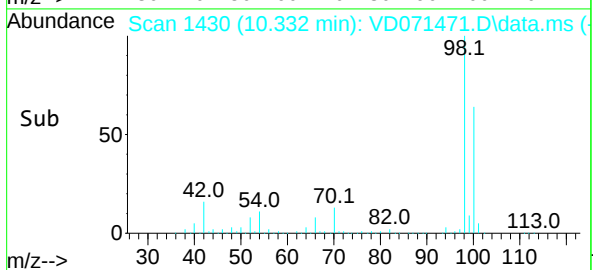
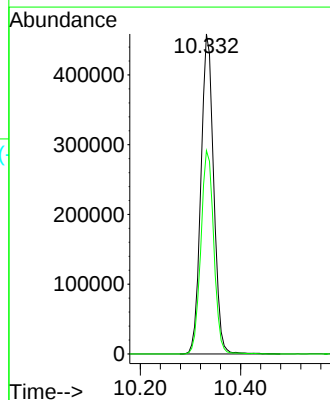
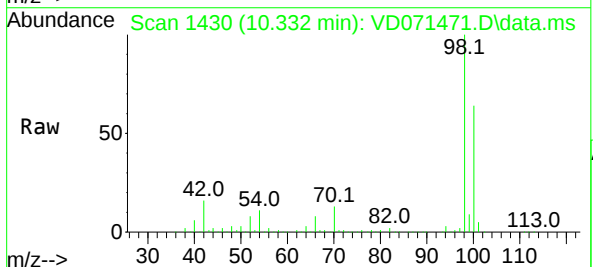
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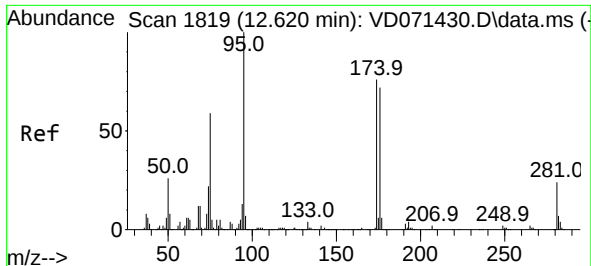
Tgt Ion:113 Resp: 201075
Ion Ratio Lower Upper
113 100
111 103.4 82.0 123.0
192 17.5 15.2 22.8



#50
Toluene-d8
Concen: 49.697 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071471.D
Acq: 25 Dec 2021 21:24

Tgt Ion: 98 Resp: 810925
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

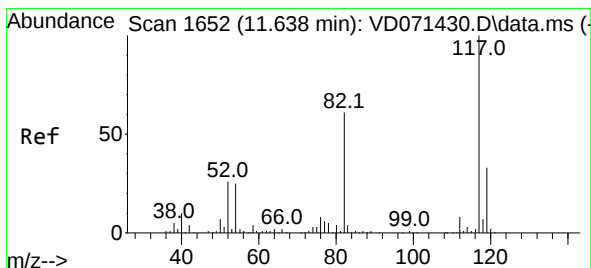
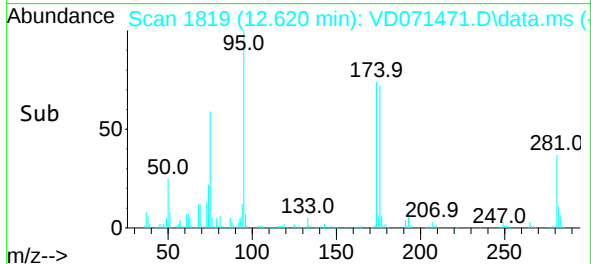
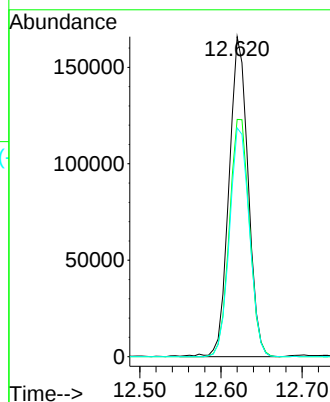
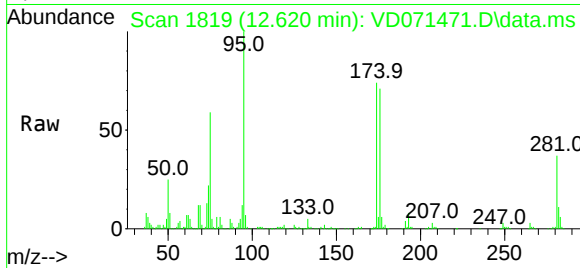




#62
4-Bromofluorobenzene
Concen: 46.760 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071471.D
Acq: 25 Dec 2021 21:24

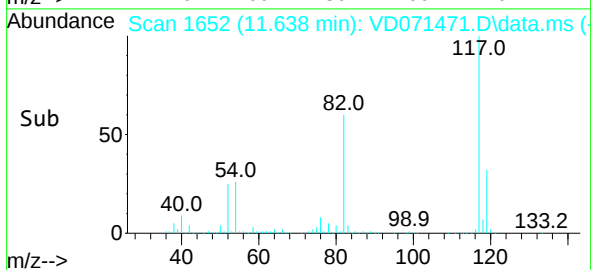
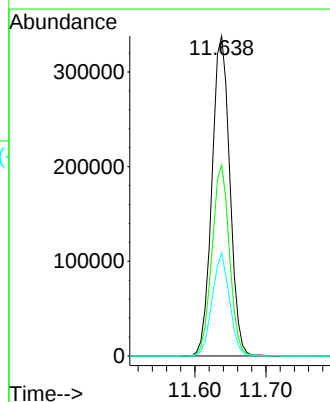
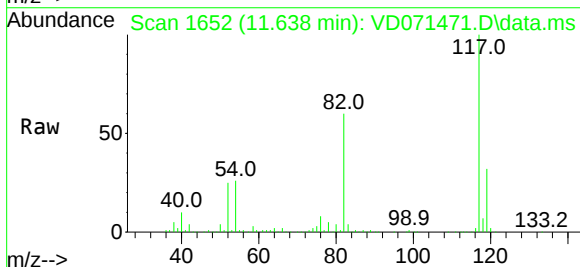
Instrument :
MSVOA_D
ClientSampleId :
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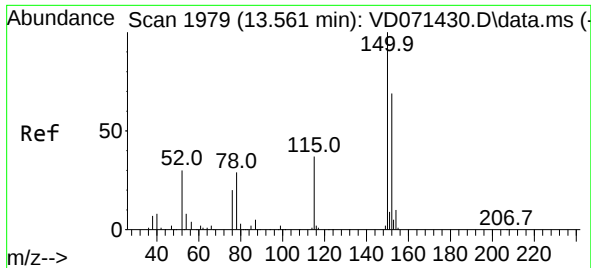
Tgt Ion: 95 Resp: 271133
Ion Ratio Lower Upper
95 100
174 77.7 0.0 159.4
176 74.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071471.D
Acq: 25 Dec 2021 21:24

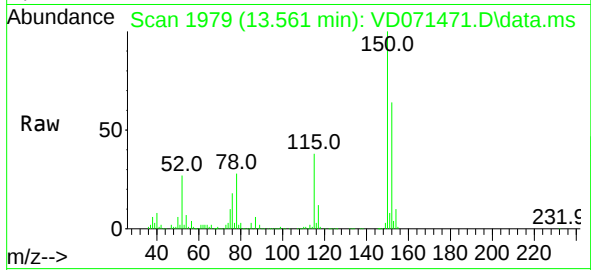
Tgt Ion: 117 Resp: 589768
Ion Ratio Lower Upper
117 100
82 59.6 44.7 67.1
119 32.2 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD071471.D
 Acq: 25 Dec 2021 21:24

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(33-35)-12-22-21



Tgt Ion:152 Resp: 265570

Ion	Ratio	Lower	Upper
152	100		
115	61.4	29.8	89.3
150	157.4	0.0	349.2

